

DATE _____

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROCK CORE TRANSMITTAL FORM

PROJECT 8.1910203
 TIP NO R-977A
 STRUCTURE DESCRIPTION Bridge on US 64 Over SR 1558
 COUNTY Cherokee
 PROJECT GEOLOGIST LL Acker

LAB NO	SAMPLE	STRENGTH	LOCATION	DEPTH (M or FT)	ROCK DESCRIPTION	RQD	UNIT WT	Q(MPa) (MPsi)	E(MPa) (MPsi)
	RS-17		B2-B	3.16-3.32	metasiltstone gneiss	81%			
	RS-18		B2-B	5.33-5.50	"	81%			
	RS-19		B2-B	11.18-11.63	"	81%			
	RS-20		B2-B	16.95-17.13	"	81%			
	RS-21		E B1-B	2.38-2.54	"	15%			
	RS-22		E B1-B	5.33-5.49	"	15%			
	RS-23		B3-B	4.77-5.04	"				
	RS-24		B3-B	8.66-8.92	"				
	RS-25		B3-B	13.22-13.40	"				
	RS-26		B3-B	17.62-17.78	"				
	RS-27		B3-A	2.58-2.80	"				
	RS-28		B3-A	9.81-10.00	"				
	RS-29		B3-A	11.84-12.01	"				
	RS-30		B3-A	15.94-16.17	"				

} these are the only 2 pieces long enough to test in EAT

* SPLIT TENSILE